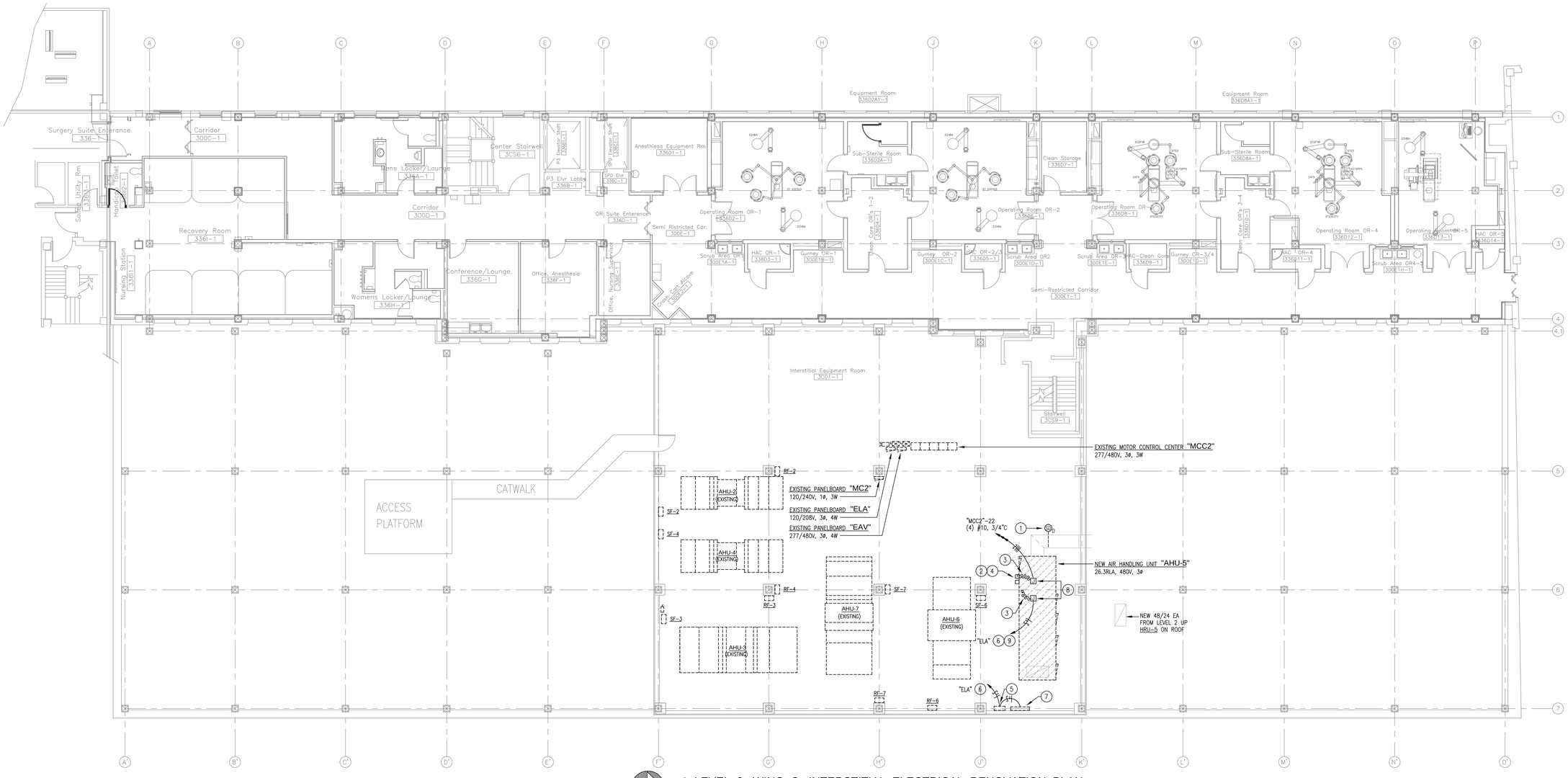


N

1 LEVEL 3, WING C: INTERSTITIAL ELECTRICAL RENOVATION PLAN

SCALE 1/8" = 1'-0"

KEYED RENOVATION NOTES:

1. INSTALL NEW DUCT SMOKE DETECTOR IN NEW/REWORKED SUPPLY AIR DUCTWORK OF NEW 'AHU-5' AND RECONNECT TO EXISTING FIRE ALARM CIRCUIT AS BEFORE. THE NEW DETECTOR SHALL BE OF THE SAME MANUFACTURER AS THE EXISTING FIRE ALARM SYSTEM AND SHALL BE THE SAME TYPE AND MODEL AS OTHER EXISTING DUCT SMOKE DETECTORS ON THIS SYSTEM. THE NEW DETECTOR SHALL BE EQUIPPED WITH NUMBER OF CONTACTS AS REQUIRED FOR BOTH FIRE ALARM SYSTEM OPERATIONS AND MECHANICAL SHUTDOWN FUNCTIONS. NEW SAMPLING TUBES SHALL BE INSTALLED AS REQUIRED TO CONFORM TO THE NEW DUCT DIMENSIONS – COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. UPON COMPLETION OF INSTALLATION, RUN FIRE ALARM SYSTEM DIAGNOSTIC CHECK TO CONFIRM PROPER OPERATION.
2. NEW PRIMARY AND BACK-UP VARIABLE FREQUENCY DRIVES (VFD's) BY AIR HANDLER MANUFACTURER INSTALLED ON UNIT.
3. FINAL CONNECTION TO MECHANICAL EQUIPMENT SHALL BE IN LIQUID-TIGHT FLEXIBLE METAL CONDUIT.
4. SINGLE-POINT ELECTRICAL CONNECTION – FIELD-VERIFY EXACT PHYSICAL LOCATION ON UNIT.
5. NEW DDC PANEL BY MECHANICAL CONTRACTOR – ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL 20A, 120V CIRCUIT TO PANEL AS INDICATED.
6. CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD INDICATED. IF NO SUCH SPARE EXISTS, FURNISH AND INSTALL A NEW 20A/1P CIRCUIT BREAKER. THE NEW CIRCUIT BREAKER SHALL BE OF THE SAME MANUFACTURER AS THE PANELBOARD, AND SHALL BE THE SAME TYPE AND HAVE THE SAME INTERRUPTING RATING AS EXISTING CIRCUIT BREAKERS ALREADY INSTALLED IN THE PANELBOARD.
7. AHU-5 CONTROL PANEL BY MECHANICAL CONTRACTOR – ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL 20A, 120V CIRCUIT TO PANEL AS INDICATED.
8. JUNCTION BOX MOUNTED ON STRUCTURE ABOVE FOR TRANSITION FROM EMT CONDUIT TO FLEXIBLE SEAL-TIGHT CONDUIT FOR FINAL CONNECTION TO AIR HANDLING UNIT.
9. 120V POWER CONNECTION FOR LIGHTS IN EACH AIR HANDLER SECTION.

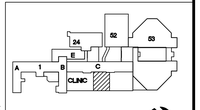
The seal appearing on this document was authorized by Stanley R. Curtis, 20789 on 8/19/2013. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Oklahoma Engineering Practice Act.

STANLEY R. CURTIS 20789 OKLAHOMA PROFESSIONAL ENGINEER

8/19/2013

ASBESTOS NOTE:
IF THE EXECUTION OF THIS WORK REQUIRES THE DISTURBING OF ANY SUBSTANCE WHICH APPEARS TO BE ASBESTOS OR WHICH MAY CONTAIN ASBESTOS FIBER, NOTIFY THE OWNER BEFORE CONTINUING WORK AT THE SUSPECT LOCATION. ANY MATERIAL TESTING POSITIVE SHALL BE REMOVED BY THE OWNER BEFORE WORK CONTINUES.

NOTE: EXISTING CONDITIONS SHOWN WERE DERIVED FROM OWNER FURNISHED DRAWINGS AND FIELD OBSERVATIONS. SOME BUILDING FEATURES AND MEP SYSTEMS ARE NOT SHOWN FOR CLARITY. FIELD VERIFY BUILDING CONSTRUCTION. FIELD VERIFY THE LOCATION, SIZE AND QUANTITY OF ALL EQUIPMENT.



KEY PLAN
SCALE: NO SCALE
PROJECT NORTH

REVISIONS:	DESCRIPTION:	DATE:

Dept. of Veterans Affairs
Jack C. Montgomery
Medical Center
1011 Honor Height Drive
Muskogee, Oklahoma 74401

ENGINEER:
RMD CONSULTING, LLC
2815 VALLEY VIEW LANE, STE. 214
DALLAS, TX 75234
P: 972-488-8077 F: 972-488-8174
OK REG. ENGINEERING FIRM: 5183

CONSULTANTS:
ARCHITECT:
ARCHITECTURAL CONCEPTS, INC.
669 AIRPORT FREEWAY, STE. 300
HURST, TX 76053
P: 817-285-8885 F: 817-285-8021

APPROVED:	APPROVED: Interior Designer	APPROVED: Safety Manager	APPROVED: Medical Center Director
APPROVED:	APPROVED:	APPROVED: Infection Control Nurse	APPROVED: Associate Director
APPROVED:	APPROVED:	APPROVED: Industrial Hygienist	APPROVED: Chief of Staff
APPROVED:	APPROVED:	APPROVED: President A.P.G.E. 2250	APPROVED: Chief of Engineering Service

DRAWING TITLE: LEVEL 3, WING C: INTERSTITIAL ELECTRICAL RENOVATION PLAN

PROJECT TITLE: REPLACE LABORATORY AIR HANDLING UNITS

DATE: 8/19/2013

SCALE: AS SHOWN

PROJECT NO.	CONTRACT NO.	DESIGNED BY:	DRAWN BY:	CHECKED BY:
623-11-107	VA256-12-C-0295	TGB	TGB	SRC

BUILDING NO.	AUTOCAD FILE NAME:	LOCATION
CLINICAL		Jack C. Montgomery VA Medical Center

DRAWING NO. EP2.0

DWG. 33 OF 40

DEPARTMENT OF VETERANS AFFAIRS